

# **AUTOMATED TRAFFIC DATA COLLECTION REPORT**

**May 2002**

**Transportation Data Office**

**Automated Data Collection &  
Processing Section  
(360) 570-2392**

**Washington State Department Of  
Transportation  
Planning And Capital Program  
Management**

# Introduction

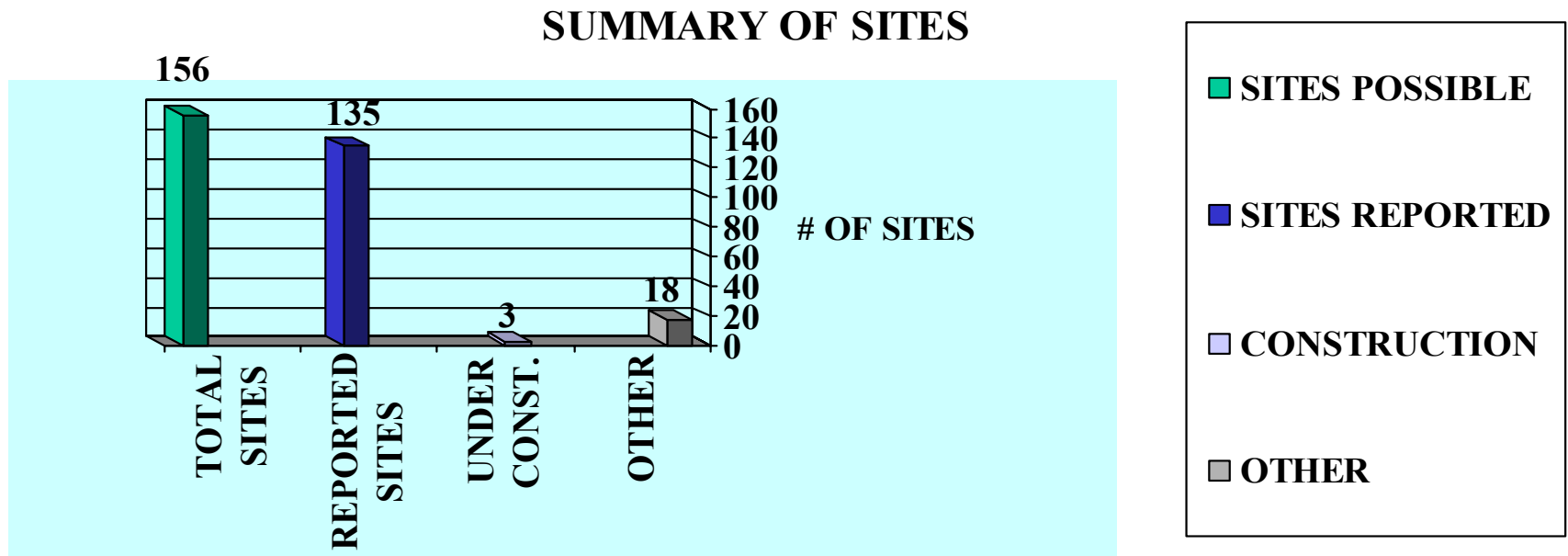
- The Automated Traffic Data Collection report is produced monthly and shows the permanently installed traffic reporting sites which collected data for the current month. The Automated Data Collection (ADC) sites on the report are listed by two categories (Urban and Rural) site name, location, leg and State Route Milepost (SRMP). The ADC traffic report is a compilation of collected data from various sources which include, Transportation Data office, NW Regional Traffic office, Seattle Ferries, Oregon State , and Idaho State when available.
- The data available in this report are Average Day Traffic(**ADT**) comparisons from last year to this year, same month percent Increase/Decrease, maximum traffic/maximum day listing date and hour, last available months percent difference, and missing data in this month or last year same month.
- At the bottom of each page is a legend that explains reasons for variances in the data with a letter for example: (U) unavailable, (C)construction, (E)estimated, (N) new site, (P) pass closed, (I) partial estimate, (Q) reported quarterly.
- The users of this publication are typically Traffic Engineers, State Planners, Traffic Operations, State Officials, other government agencies, and private businesses and individuals.

# Summary

- P09 (Plymouth) High increase in traffic due to construction on SR 221.**
- P23 (Okanogan) Did a manual count May 9, 2002 for a 4 hour period and it showed -2.2% combined. Had low volume 2001 because of construction, returning to normal traffic pattern.**
- P25 (Wilbur) Decrease in traffic based on actual traffic counts for current year. Last year was based on an estimate.**
- R034 SB (Tacoma) High increase due to construction previous year. Traffic is returning to normal patterns.**
- R036 EB (Spokane) High increase due to construction previous year. Traffic is returning to normal patterns.**
- R046 NB (SR 005) High due to construction previous year. Traffic is returning to normal patterns.**
- S818 W Leg (Chinook Pass) high decrease is due to pass not being opened until June.**
- S840 (Kid Valley) High decrease – low volume site. Weather & tourism fluctuate year to year**
- S901(SR 90 – (Denny Creek) High increase due to holiday traffic.**
- Overall based on the data collected, the traffic has increased by 3% overall on state highways when compared to May 2001.**

# Summary of sites

- Of the 156 total Automated Data Collection (ADC) sites possible to collect traffic data, 135 sites had reportable traffic data. Of the remaining non-reported 21 automated data collection sites, 3 were unavailable due to construction and 18 were unavailable due to either equipment problems, gaps in the data that was polled, data wasn't available in time for processing or data is only reported quarterly.

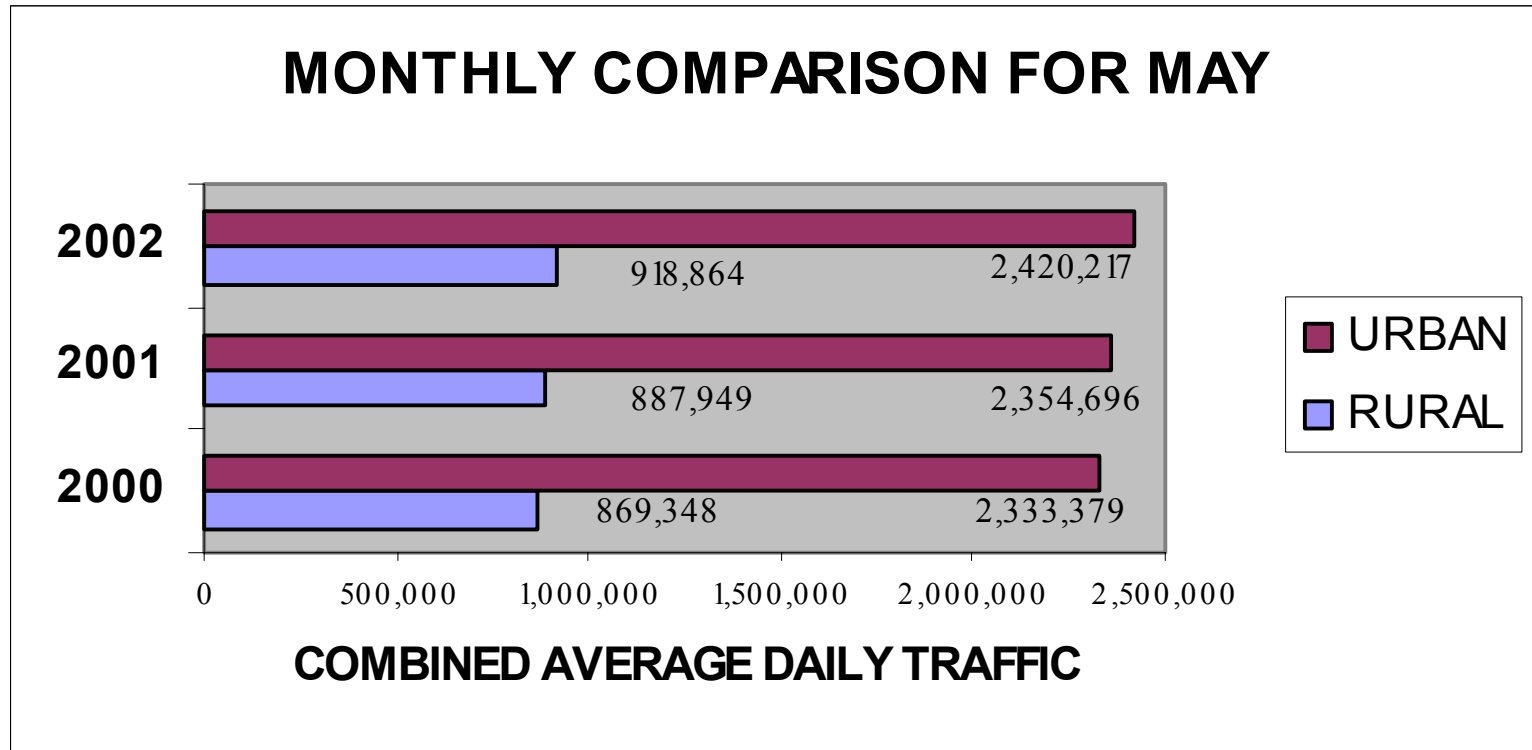


# COMPARABLE SITES

	<u>RURAL</u>			<u>URBAN</u>			<u>RURAL/URBAN</u>		
	<u>COMPARABLE SITES</u>			<u>COMPARABLE SITES</u>			<u>COMPARABLE SITES</u>		
	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
<u>MAY</u>	869,348	887,949	918,864	2,333,379	2,354,696	2,420,217	3,202,727	3,242,645	3,339,081
<u>TOTALS</u>	<u>869,348</u>	<u>887,949</u>	<u>918,864</u>	<u>2,333,379</u>	<u>2,354,696</u>	<u>2,420,217</u>	<u>3,202,727</u>	<u>3,242,645</u>	<u>3,339,081</u>

These are the Comparison Average Daily Traffic Totals of all the sites that had data from 2000 to 2002 by month.

# MONTHLY COMPARISON CHART



**These totals represent the Average Daily Traffic Totals of all the sites that had data from 2000 to 2002 by month.**

DOT-RNB612-B

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION  
T R I P S   S Y S T E M  
AUTOMATED DATA COLLECTION REPORT

DATE 07/10/02  
TIME 08:55:31  
PAGE 1

FOR THE MONTH OF MAY

2002

RURAL RECORDERS					AVERAGE DAY		RELATION TO 2001		<<<<<<<<< MAXIMUM TRAFFIC >>>>>>>>>						
RECR	LOCATION			LEG SRMP	B	2002	2001	THIS MONTH %	LAST 05 MONTHS %	<<<< MAXIMUM HOUR >>>>			<< MAXIMUM DAY >>		
NUM										VEHICLES	DAY	DATE	VEHICLES	DAY	DATE
B02	SR 12	BRADY		12.30		21,406	20,626	+ 3.8	+ 3.9	2,507	MON	27 1- 3P	27,902	FRI	24
B03	SR 395	PASCO		27.20		13,575	13,043	+ 4.1	+ 3.5	1,468	FRI	24 4- 5P	18,928	FRI	24
B04	SR 90	CLE ELUM		82.70		30,281	29,467	+ 2.8	+ 3.6	4,511	SAT	25 11-12A	56,022	FRI	24
FY01	SR 20	KEYSTONE FERRY		12.88			1,082		- 7.8						
FY03	SR 21	KELLER FERRY		106.65	Q>	224	203	+ 10.3	+ 10.4				280	SUN	28
FY05	SR 160	FAUNTLEROY FERRY		7.47			2,014		- 2.0						
FY07	SR 305	WINDSLOW FERRY		0.02			6,486		- 5.7						
OR02	SR 101	ASTORIA - MEGLER BR		0.00	Q>	6,808	6,628	+ 2.7	+ 4.8	949	MON	27 1-2PM	9,413	FRI	24
OR03	SR 125	OREGON BORDER		0.00	Q>	14,897	15,008	- 0.7	- 0.4	1,462	FRI	03 5-6PM	17,254	FRI	10
OR05	SR 730	OREGON BORDER		0.00	Q>	2,589	2,723	- 4.9	- 3.7	286	FRI	24 4-5PM	3,412	FRI	24
P01	SR 2	CASHMERE		113.10		21,865	21,264	+ 2.8	+ 3.9	2,606	FRI	24 4- 5P	30,842	FRI	24
P02	SR 2	COULEE CITY		179.10		863	U		- 0.3	162	MON	27 12- 1P	1,512	MON	27
P03	SR 97	WAPATO		66.30		11,834	11,356	+ 4.2	+ 3.5	1,215	FRI	24 4- 5P	15,070	FRI	24
P04	SR 5	FERNDALE		261.33		40,893	40,944	- 0.1	- 3.4	3,823	FRI	17 4- 5P	48,146	FRI	24
P05	SR 12	DAYTON		376.98		2,421	2,360	+ 2.6	+ 3.1	340	MON	27 1- 3P	3,703	FRI	24
P08	SR 82	ZILLAH		48.50		24,242	22,808	+ 6.3	+ 1.7	2,540	FRI	24 5- 6P	31,059	FRI	24
P09	SR 82	PLYMOUTH		121.20		15,501	14,078	+ 10.1	+ 8.6	1,751	FRI	24 4- 5P	21,894	FRI	24
P10	SR 90	RITZVILLE		218.83		10,471	9,901	+ 5.8	+ 4.2	1,556	FRI	24 5- 6P	18,417	FRI	24
P11	SR 97	PATEROS		250.35		4,308	4,091	+ 5.3	+ 2.8	567	MON	27 12- 1P	6,464	FRI	24
P13	SR 195	COLTON		6.01		4,857	4,714	+ 3.0	+ 2.0	538	FRI	31 4- 5P	6,052	SAT	11
P14	SR 195	PULLMAN		22.20		3,137	3,050	+ 2.9	+ 3.1	358	FRI	24 3- 4P	4,291	FRI	24
P15	SR 195	SPOKANE		87.70		9,377	9,075	+ 3.3	+ 0.7	1,064	FRI	10 4- 5P	12,152	FRI	10
P17	SR 221	PROSSER		13.10		1,872	1,816	+ 3.1	+ 3.9	211	TUE	28 5- 6P	2,335	THU	23
P18	SR 101	HOODSPORT		324.80		2,832	2,668	+ 6.1	+ 3.8	519	MON	27 2- 3P	4,813	SUN	26

Q => QUARTERLY  
U => UNAVAILABLE

DOT-RNB612-B

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION  
T R I P S   S Y S T E M  
AUTOMATED DATA COLLECTION REPORT

DATE 07/10/02  
TIME 08:55:31  
PAGE 2

FOR THE MONTH OF MAY 2002

RURAL RECORDERS				RELATION TO 2001		<<<<<<<<<< MAXIMUM TRAFFIC >>>>>>>>>>					
RECR NUM	LOCATION	LEG SRMP B *	AVERAGE DAY 2002   * 2001	THIS MONTH %	LAST 05 MONTHS %	<<<< MAXIMUM HOUR >>>>	VEHICLES DAY	DATE	HOUR	<< MAXIMUM DAY >>	VEHICLES DAY DATE
P21	SR 9 ARLINGTON		28.75	10,600	10,440	+ 1.5	- 0.8	1,091	WED 15 4- 5P	12,406	FRI 24
P22	SR 97 OROVILLE		335.30	2,241	2,269	- 1.2	- 3.6	284	MON 20 12- 1P	2,760	FRI 17
P23	SR 97 OKANOGAN		286.16	4,687	3,983	+ 17.7	+ 10.2	545	FRI 24 4- 5P	6,385	FRI 24
P24	SR 90 STATELINE		298.40	45,279	42,715	+ 6.0	+ 4.3	4,485	FRI 31 5- 6P	54,929	FRI 31
P25	SR 21 WILBUR		91.55	441	548	- 19.5	- 7.4	115	SAT 18 9-10A	766	SAT 18
P26	SR 395 ORIENT		260.00	661	677	- 2.4	- 0.4	83	THU 30 4- 5P	757	MON 20
P27	SR 25 NORTHPORT		97.00	388	357	+ 8.7	+ 8.7	45	SUN 5 5- 6P	478	FRI 3
P28	SR 2 CHATTAROY		301.40	18,576	18,802	- 1.2	- 1.2				
P30	SR 27 N/O GIBBS ROAD		77.30	6,082	5,818	+ 4.5	+ 5.6	619	FRI 31 3- 4P	7,177	FRI 31
P7C	SR 395 RITZVILLE		93.01	7,022	6,618	+ 6.1	+ 3.5	912	FRI 24 2- 3P	11,196	FRI 24
P8	SR 5 KELSO		44.30	50,654				5,456	SAT 25 11-12A	69,299	FRI 24
RO03	SR 101 MUD BAY	N	361.37	29,479	28,581	+ 3.1	+ 2.4	2,946	FRI 10 5- 6P	35,584	FRI 24
RO03	SR 101 MUD BAY	E	361.70	47,139	45,544	+ 3.5	+ 3.0	4,704	FRI 24 4- 5P	58,595	FRI 24
RO03	SR 8 MUD BAY	W	20.67	17,660	16,963	+ 4.1	+ 4.0	2,101	MON 27 1- 2P	23,011	FRI 24
RO08	SR 12 WALLULA JUNCTION		307.90	6,462	6,293	+ 2.7	+ 5.4	694	FRI 24 4- 5P	8,514	SAT 11
RO14	SR 90 E/O FISHTRAP ROAD I/C		254.23	17,243	16,178	+ 6.6	+ 4.9	2,293	FRI 24 4- 5P	28,562	FRI 24
RO19	SR 5 GRAND MOUND		86.32	59,442	56,451	+ 5.3	+ 3.5				
RO20	SR 17 OTHELLO		30.37	5,405	5,473	- 1.2	+ 0.1	523	FRI 24 4- 5P	6,823	FRI 24
RO23	SR 101 DISCOVERY BAY		281.15	11,195	11,067	+ 1.2	+ 0.7	1,271	SUN 12 5- 6P	14,425	SUN 12
RO37	SR 20 WINTHROP		191.90	2,011	2,092	- 3.9	- 9.1	627	MON 27 1- 2P	5,516	MON 27
RO38	SR 2 SKYKOMISH		50.12	4,601	4,627	- 0.6	+ 3.0	1,037	MON 27 12- 1P	10,574	MON 27
RO39	SR 90 NORTH BEND		33.56	33,130	31,585	+ 4.9	+ 5.6	5,119	FRI 24 4- 5P	60,513	FRI 24
RO40	SR 123 N/O SR 12 - OHANAPECOSH	N	3.88								
RO40	SR 12 PACKWOOD	W	135.10	1,950	1,821	+ 7.1	+ 3.2	637	MON 27 1- 2P	5,116	SAT 25

\* I => PARTIAL ESTIMATE  
E => ESTIMATE  
U => UNAVAILABLE  
P => PASS CLOSED

FOR THE MONTH OF MAY 2002

RURAL RECORDERS				RELATION TO 2001		<<<<<<<<< MAXIMUM TRAFFIC >>>>>>>>									
REC'R NUM	LOCATION			LEG SRMP B	AVERAGE DAY 2002	AVERAGE DAY 2001	THIS MONTH %	LAST YR MONTHS %	<<<< MAXIMUM HOUR >>>>			<< MAXIMUM DAY >>			
									VEHICLES	DAY	DATE	HOUR	VEHICLES	DAY	DATE
R041	SR 97	GOLDENDALE		13.41	5,093	4,802	+ 6.1	+ 3.4	694	FRI	24	6- 7P	8,107	FRI	24
R042	SR 90	VANTAGE		136.59	15,893	15,087	+ 5.3	+ 5.4	2,943	SAT	25	12- 1P	32,261	FRI	24
R043	SR 105	WESTPORT		30.73	5,785	5,797	- 0.2	+ 4.1	702	MON	27	12- 1P	7,394	SAT	11
R045	SR 5	WOODLAND		20.14	63,783	61,358	+ 4.0	+ 4.0	7,053	SAT	25	11-12A	83,804	FRI	24
R047	SR 2	DRYDEN	E	104.84	16,661	16,199	+ 2.9	+ 3.2	2,121	FRI	24	4- 5P	25,346	FRI	24
R047	SR 97	BLEWETT PASS	S	178.19	5,757	5,548	+ 3.8	+ 4.3	1,048	MON	27	11-12A	10,348	FRI	24
R047	SR 2	PESHASTIN	W	103.92	13,455	13,188	+ 2.0	+ 2.9	1,636	FRI	24	3- 4P	19,052	FRI	24
R048	SR 82	E. OF SELAH CRK REST AREA		24.83	15,568	15,217	+ 2.3	+ 2.9	1,748	SUN	12	4- 5P	20,503	FRI	10
R054	SR 101	HUMPTULIPS		104.55	2,591	2,556	+ 1.4	+ 0.7	294	MON	27	12- 1P	3,421	FRI	24
R055	SR 90	MOSES LAKE		180.33	11,363	10,538	+ 7.8	+ 5.5	1,606	MON	27	2- 3P	19,428	FRI	24
R057	SR 970	TEANAWAY		6.85	4,642	4,422	+ 5.0	+ 5.9	938	MON	27	12- 1P	9,330	MON	27
R058	SR 2	COLES CORNER		80.20	4,477	4,311	+ 3.9	+ 2.3	1,012	MON	27	12- 1P	10,255	MON	27
R061	SR 395	ELTOPIA		36.24	12,077	11,428	+ 5.7	+ 5.9	1,389	FRI	24	4- 5P	17,296	FRI	24
R063	SR 395	LOON LAKE		190.29	9,189	8,777	+ 4.7	+ 5.6	922	FRI	3	4- 5P	11,265	FRI	24
R064	SR 2	DAVENPORT		250.50	3,031	2,977	+ 1.8	+ 2.6	365	FRI	24	5- 6P	4,169	FRI	24
R066	SR 26	OTHELLO EAST		43.06	2,688				562	FRI	10	2- 3P	5,572	FRI	10
R067	SR 12	DODGE JUNCTION		390.66	2,301	2,239	+ 2.8	+ 2.8	320	MON	27	2- 3P	3,519	FRI	24
R068	SR 97	OMAK		293.42	5,307	5,386	- 1.5	- 1.1	585	FRI	24	4- 5P	6,786	FRI	24
R069	SR 101	PORT ANGELES		254.35	23,524	22,773	+ 3.3	+ 0.3	2,315	FRI	24	4- 5P	27,649	FRI	24
R070	SR 395	KETTLE FALLS		234.57	8,196	8,254	- 0.7	- 0.6	826	FRI	31	3- 4P	10,110	FRI	31
R073	SR 101	SAPPHO		203.93	2,533	2,530	+ 0.1	- 1.0	300	SUN	26	1- 2P	3,286	SAT	25
R074	SR 101	JOHNSONS LANDING		28.95	2,409	2,378	+ 1.3	+ 0.1	605	MON	27	1- 2P	4,449	MON	27
R075	SR 12	SALKUM		77.78	7,180	6,693	+ 7.3	+ 4.2	906	MON	27	1- 2P	9,784	FRI	24
R076	SR 14	MARYHILL		100.64	2,211	2,329	- 5.1	- 4.1	310	SAT	11	4- 5P	2,794	FRI	24

---

\* E  $\Rightarrow$  ESTIMATE

FOR THE MONTH OF MAY 2002

RURAL RECORDERS				AVERAGE DAY		RELATION TO 2001		<<<<<<<<< MAXIMUM TRAFFIC >>>>>>>>					
REC NUM	LOCATION		LEG SRMP B	2002	2001	THIS MONTH %	LAST O5 MONTHS %	<<<< MAXIMUM HOUR >>>>	<< MAXIMUM DAY >>	>>>>>>>>	>>>>>>>>		
								VEHICLES	DAY DATE	HOUR	VEHICLES	DAY DATE	
R077	SR 14	MARYHILL EAST		102.27	2,132	2,111	+ 1.0 - 2.8	265	MON 27	1- 3P	2,715	FRI 24	
R083	SR 9	BRYANT		32.98	2,017	1,929	+ 4.6 + 4.5	258	MON 27	4- 5P	2,596	SAT 11	
R084	SR 97	ORONDO		220.55	4,339	4,168	+ 4.1 - 12.6	597	MON 20	12- 1P	6,598	FRI 24	
R085	SR 104	HOOD CANAL BRIDGE		13.92	17,272	17,002	+ 1.6 + 0.7	1,995	SAT 25	4- 5P	22,362	SUN 12	
R086	SR 82	UMATILLA		132.03									
R088	SR 16	BURLEY		18.65	43,413	N> 41,020	+ 5.8 + 4.4	3,718	FRI 31	4- 5P	51,079	FRI 24	
R089	SR 3	BELFAIR		28.68	16,681	N> 15,942	+ 4.6 + 4.4	1,752	FRI 24	4- 5P	20,885	FRI 24	
S612	SR 24	VERNITA (COL.R.BR.)		43.50	3,551	3,433	+ 3.4 + 4.3	418	FRI 17	4- 5P	4,823	FRI 24	
S706	SR 20	COUPEVILLE		20.02	8,216	7,961	+ 3.2 + 3.1	866	FRI 31	4- 5P	9,405	FRI 31	
S803	SR 5	CUSTER		269.41	25,017	25,860	- 3.3 - 6.5	2,351	FRI 24	4- 5P	30,141	FRI 24	
S818	SR 12	NACHES JUNCTION	E	185.62	4,615	4,884	- 5.5 + 0.5	1,056	MON 27	12- 1P	9,124	MON 27	
S818	SR 12	NACHES JUNCTION	S	185.25	2,565	2,405	+ 6.7 + 5.3	758	MON 27	12- 1P	6,546	MON 27	
S818	SR 410	NACHES JUNCTION	W	116.26	2,305	2,719	- 15.2 - 2.3	495	MON 27	11-12A	3,907	FRI 24	
S819	SR 411	LEXINGTON		7.97		D> 4,505							
S820	SR 20	REPUBLIC		304.60	2,704	2,759	- 2.0 - 0.8	323	FRI 17	2- 3P	3,333	FRI 31	
S826	SR 90	PRESTON		23.54	48,205	50,080	- 3.7 - 4.2	5,984	FRI 24	4- 5P	68,012	FRI 24	
S838	SR 18	ECHO GLEN		27.62	18,983	U							
S840	SR 504	KIDD VALLEY		19.43	997	1,179	- 15.4 - 9.3	319	SAT 18	2- 3P	2,548	SAT 18	
S841	SR 401	NE/O SR 101 - MEGLER		0.01	2,429	2,413	+ 0.7 + 2.5	378	MON 27	2- 3P	3,435	FRI 24	
S841	SR 101	MEGLER BRIDGE		0.46	6,880	6,592	+ 4.4 + 6.2	962	SAT 25	1- 3P	9,475	FRI 24	
S841	SR 101	NW/O SR 401 - MEGLER		0.47	5,556	5,252	+ 5.8 + 5.0	841	MON 27	12- 1P	8,072	SAT 25	
S901	SR 90	DENNY CREEK		47.71	30,889	27,345	+ 13.0 + 5.8	4,930	FRI 24	5- 6P	57,502	FRI 24	
S902	SR 90	SNOQUALIMIE SUMMIT		52.24	29,377	27,308	+ 7.6 + 6.4	4,677	FRI 24	5- 6P	55,183	FRI 24	
S903	SR 90	CABIN CREEK		63.98	30,046	27,983	+ 7.4 + 4.8	4,627	FRI 24	4- 5P	56,973	FRI 24	

U ⇒ UNAVAILABLE  
N ⇒ INSTALLED THIS YEAR  
I ⇒ PARTIAL ESTIMATE

FOR THE MONTH OF MAY 2002

[illegible]

E  $\Rightarrow$  ESTIMATE  
C  $\Rightarrow$  CONSTRUCTION  
I  $\Rightarrow$  PARTIAL ESTIMATE  
Q  $\Rightarrow$  QUARTERLY  
U  $\Rightarrow$  UNAVAILABLE

U => UNAVAILABLE  
C => CONSTRUCTION  
N => INSTALLED THIS YEAR

FOR THE MONTH OF MAY 2002

URBAN RECORDERS						RELATION TO 2001		<<<<<<<<< MAXIMUM TRAFFIC >>>>>>>>>								
REC'D NUM	LOCATION			LEG SRMP B	AVERAGE DAY 2002	AVERAGE DAY 2001	THIS MONTH %	LAST YR MONTHS %	<<<< MAXIMUM HOUR >>>>				<< MAXIMUM DAY >>			
									VEHICLES	DAY	DATE	HOUR	VEHICLES	DAY	DATE	
S205	SR 5	S. OF I-405/SR 518 I/C			153.48	U	U									
S502	SR 520	E. OF I-5 I/C			0.19		N> 74,321	+ 1.2	- 0.1	6,643	WED	29	7- 8A	86,308	THU 30	
S503	SR 433	LONGVIEW(COL.R.BR.)			0.70		20,385 19,900	+ 2.4	+ 1.3	2,109	FRI	24	3- 4P	25,898	FRI 24	
S533	SR 520	E. OF I-405 I/C			7.93	U	N>102,376									
S547	SR 520	E. OF W.L.K.SAMM.PK			12.01		65,026 N> 65,433	- 0.6	- 0.5	5,762	WED	1	8- 9A	75,953	THU 30	
S809	SR 5	MIDWAY			148.07	D	188,332 D>188,339									
S821	SR 405	N.OF 30TH ST. I/C			6.95		138,089 N>138,805	- 0.5	- 0.8	10,430	WED	1	5- 6P	154,951	FRI 24	
S822	SR 405	N. OF SR908 I/C			18.71		179,036 N>181,338	- 1.3	- 1.2	14,079	FRI	31	3- 4P	205,112	FRI 31	
S824	SR 405	BOTHELL			28.99	C	C									
S825	SR 90	ISSAQUAH			14.65		112,690 108,814	+ 3.6	+ 4.7	9,681	FRI	10	4- 5P	131,581	FRI 10	
S837	SR 5	FIFE			136.80		184,622 181,314	+ 1.8	+ 0.2	13,550	THU	9	4- 5P	207,109	FRI 10	
S839	SR 599	TUKWILA			1.40		38,084 37,597	+ 1.3	+ 0.8	3,881	WED	8	7- 8A	46,431	THU 30	

AUTOMATED DATA COLLECTION RECORDER TRAVEL TRENDS

Questions about this report should be addressed to:  
Planning And Capital Program Management  
Transportation Data Office  
Highway Usage Branch  
ADC Polling & Processing Section  
**(360) 570-2392**